

ABSTRACT OF THE DISCLOSURE

A method is disclosed to form micromolds and micromold components from mixtures of micrometer or nanometer-sized particulates dispersed in an organic binder. Following extraction of the organic binder the green micromolds or micromold components are sintered to full density, upon which they shrink by accurately predetermined amounts. The method allows to achieve complex-shaped micrometer and nanometer-sized precision parts such as MEMS devices and MEMS packages.